

SONY

VAIO® Computer Specifications

PCG-V505 Series

The following table details the range of hardware specifications available for your VAIO® computer. The actual specifications for your computer will differ depending on the configuration options you purchased. Specifications are subject to change without notice.

Model	PCG-V505 Series
Processor*	Available: Mobile Intel® Pentium® 4 processor 1.80, 2, or 2.20 GHz-M [†] Support Enhanced Intel SpeedStep™ Technology [‡]
L2 Cache Memory	512 KB (CPU Integrated)
Hard Disk Drive* C/D Partition	Available: 30 GB [‡] , 40 GB [‡] , or 60 GB [‡] C=15 GB** (NTFS) D=remainder (NTFS) (approximation)
Standard RAM*	Available: 256, 512, 768, or 1024 MB DDR-SDRAM ^{††} (Unbuffered DDR266 CL2.5 DDR-SDRAM gold lead contacts)
LCD Screen	12.1" XGA TFT
Graphics	ATI MOBILITY™ RADEON™ 16 MB DDR SDRAM
Sound Capabilities	Windows® sound system compatible
Optical Drive	CD-RW/DVD drive
Laser Diode Properties	Wave length: 785 nm (CD-RW) and 675 nm (DVD) Laser output: 3.5 µW (CD-RW) and 71 µW (DVD)
Memory Stick media	One slot (supports both MagicGate™ Memory Stick® media and Memory Stick® media)
Modem	V.90 compatible modem ^{‡‡}
Wireless LAN Communication*	Available: IEEE 802.11b; 2.4 GHz band frequency ^{***} Max. 11 Mbps data transfer speed (approximation) Max. 100 meter communication distance (approximation) Wireless channels 1 to 11
Expansion Capabilities	One Type II PC Card with CardBus support
Connection Capabilities	2 USB ports ^{†††} Modem (RJ-11) jack i.LINK® (IEEE 1394) S400 port ^{‡‡‡} Monitor (VGA) port Ethernet port (10BASE-T/100BASE-TX) Microphone jack Headphone jack Port replicator connector
Built-in Capabilities	Stereo speakers Touch pad MagicGate™ Memory Stick® media slot
Supplied Accessories	Rechargeable battery AC adapter and power cord
Power Source	16V DC/AC 100-240V

VAIO® Notebook Specifications

Model	PCG-V505 Series
Power Management	Energy Star® Compliant Advanced Configuration and Power Interface (ACPI)
Battery	Lithium-ion
Dimensions	10.9" (w) x 1.32" (h) x 9.54" (d) (277 mm x 33.5 mm x 242.2 mm)****
Weight	4.34 lbs. (1.97 kg) with battery
Operating Temperature	40°F to 95°F (5°C to 35°C)
Operating Humidity	20% to 80% (not condensed), provided that humidity is less than 65% at 95°F (35°C), hygrometer reading of less than 84°F (29°C)
Storage Temperature	-4°F to 140°F (-20°C to 60°C) (temperature gradient less than 18°F (10°C/hour)
Storage Humidity	10% to 90% (not condensed) provided that humidity is less than 20% at 140° F (60°C), hygrometer reading of less than 95°F (35°C)

* Certain specifications differ depending on the specific configuration you purchased.

† GHz denotes maximum microprocessor internal clock speed; other factors may affect application performance.

‡ CPU speed will be reduced under certain operating conditions.

** GB means on billion bytes when referring to hard drive capacity. Accessible capacity may vary.

†† Your system may contain additional memory installed at the time of purchase.

‡‡ Maximum speed for faxing is 14.4 Kbps. Your modem is capable of downloading at 56 Kbps using V.90. Your online service or Internet Service Provider may not support this technology or operate at this speed.

*** Maximum data communication/transfer speed per IEEE 802.11b standard. Speed and communication distance will be reduced under certain operating and environmental conditions.

††† Full and low speeds supported; high speed not supported.

‡‡‡ i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connection. The i.LINK connection may vary, depending on the software applications, operating system, and compatible i.LINK devices. All products with an i.LINK connection may not communicate with each other. Refer to the documentation that came with your compatible i.LINK device for information on operating conditions and proper connection. Before connecting compatible i.LINK PC peripherals to your system, such as CD-RW or hard disk drive, confirm their operating system compatibility and required operating conditions.

**** Height measured at the thinnest point. Height at the thickest point is 1.38" (35 mm).